

## PATENT

ATTORNEY DOCKET NO.: 046124-5099

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**in re Application of:**

Masaharu MURAMATSU

Application No.: 09/974,817

Filed: October 12, 2001

For: SEMICONDUCTOR DEVICE FOR  
DETECTING WIDE WAVELENGTH  
RANGES

Confirmation No.: 8262

Group Art Unit: 2822

Examiner: Monica Lewis

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE**  
**STATEMENT UNDER 37 C.F.R. § 1.97(d)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed after the events recited in § 1.97(c) but on or before the payment of the issue fee for the above-identified application. Under the provisions of 37 C.F.R. § 1.97(d), a fee of \$180.00, as specified by § 1.17(p) is due for filing this IDS. The Commissioner is hereby authorized to charge this \$180.00 fee to Deposit Account No. 50-0310.

Pursuant to 37 C.F.R. § 1.97(e)(1), each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

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The listed documents were cited in an European Search Report issued by the European Patent Office on March 5, 2004. A copy of the European Search Report is enclosed for the Examiner's consideration.

Copies of the listed documents are attached. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form 1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each of the listed documents are material or constitute "Prior Art." If it should be determined that the listed documents do not constitute "Prior Art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

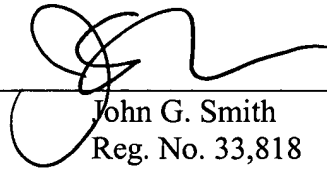
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Dated: May 25, 2004

By: \_\_\_\_\_

  
John G. Smith  
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| <b>INFORMATION DISCLOSURE CITATION</b><br><br>(Use several sheets if necessary)<br><br><b>PTO Form 1449</b> | Attorney Docket No.<br>046124-5099                   | Application No.<br>09/974,817 |
|   | Applicant: (s) Masaharu MURAMATSU <b>PAGE 1 of 1</b> |                               |
|   | Filing Date: October 12, 2001                        | Group Art Unit: 2822          |

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| <b>U.S. PATENT DOCUMENTS</b> |
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| *Examiner<br>Initial | Document<br>Number | Date | Name | Class | Sub<br>Class | Filing Date |
|----------------------|--------------------|------|------|-------|--------------|-------------|
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| FOREIGN PATENT DOCUMENTS |  |                    |                   |         |       |              |                    |    |
|--------------------------|--|--------------------|-------------------|---------|-------|--------------|--------------------|----|
|                          |  | Document<br>Number | Date              | Country | Class | Sub<br>Class | <u>Translation</u> |    |
|                          |  |                    |                   |         |       |              | YES                | NO |
|                          |  | EP 0 820 104A      | January 21, 1998  | Europe  |       |              |                    |    |
|                          |  | WO 98/57376        | December 17, 1998 | WIPO    |       |              |                    |    |
|                          |  | JP 06045574        | February 18, 1994 | Japan   |       |              | Abstract           |    |

|   |                 |
|---|-----------------|
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                 |
|   |                 |
|   |                 |
| Examiner  | Date Considered |
| Examiner:      Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |